

Article 45a.--DEFINITIONS

49-45a-1 Definitions. (a) “The act” means Kansas boiler safety act and regulations pertaining to the laws of boiler and pressure vessel safety.

(b) “Alteration” means any change in the item described on the original manufacturer's data report that affects the pressure-containing capability of the boiler or pressure vessel. Nonphysical changes, including an increase in the maximum allowable internal or external working pressure or the design temperature of a boiler or pressure vessel, shall be considered an alteration. Any reduction in minimum temperature so that additional mechanical tests are required shall also be considered an alteration.

(c) “ANSI” means the American national standards institute.

(d) “ASME” means the American society of mechanical engineers.

(e) “Authorized inspection agency” means either of the following:

(1) A department or division established by a government jurisdiction that has adopted one or more sections of the ASME code and whose chief inspector holds a valid commission issued by the national board of boiler and pressure vessel inspectors; or

(2) an inspection agency of an insurance company that is authorized to insure and is insuring boilers and pressure vessels in those jurisdictions that have examined the agency inspectors' qualifications to represent that jurisdiction, resulting in the issuance of a valid certificate of competency to the inspector by the national board of boiler and pressure vessel inspectors.

(f) “BTUH” means British thermal units of heat per hour.

(g) “Chief inspector” means the chief boiler inspector of the Kansas department of human resources.

(h) “Column, fluid relief” means piping that is connected from the top of a hot water heating boiler to either an open or a closed expansion tank, providing for the thermal expansion of water.

(i) “High pressure, high temperature water boiler” means a water boiler operating at pressures exceeding 160 pounds per square inch gauge or at a temperature exceeding 250° F.

(j) “High pressure power boiler” means a boiler in which steam or other vapor is generated at a pressure of more than 15 pounds per square inch gauge.

(k) “Hot water heating boiler” means a boiler in which no steam is generated, from which hot water is circulated for heating purposes and then returned to the boiler, and which operates at a pressure not exceeding 160 psig or a temperature of 250° F at or near the boiler outlet.

(l) “Hot water supply boiler” means a boiler completely filled with water that furnishes hot water, to be used externally, at pressures not exceeding 160 psig or at temperatures not exceeding 210° F at or near the boiler outlet.

(m) “Lapseam crack” means a crack found in lapsesams extending parallel to the longitudinal joint and located either between or adjacent to rivet holes.

(n) “Low pressure heating boiler” means a steam or vapor boiler operating at pressures not exceeding 15 pounds per square inch gauge or a hot water boiler operating at pressures not exceeding 160 pounds per square inch gauge or at temperatures not exceeding 250° F.

(o) “Makeup water” means water introduced into the boiler to replace the water lost or removed from the system.

(p) “National board” means the national board of boiler and pressure vessel inspectors, whose membership is composed of the chief inspectors of each jurisdiction charged with the administration and enforcement of the provisions of the ASME code.

(q) “Nonstandard boiler” means a boiler that does not bear the ASME stamp or the stamp of any jurisdiction that has adopted a standard of construction equivalent to that required by these regulations.

(r) “Owner or user” means any person, firm, or corporation subject to the provisions of the Kansas boiler safety act and responsible for the safe operation of any boiler within this state.

(s) “PSIG” means pounds per square inch gauge.

(t) “Reinstalled boiler” means a boiler removed from its original setting and reinstalled at the same location or at a new location without change of ownership.

(u) “Repair” means work necessary to restore a boiler or pressure vessel to a safe and satisfactory operating

condition without changing the original design, as defined in the national board inspection code, 1998 edition, part RC 2031, "routine repairs."

(v) "Secondhand boiler" means a boiler that has changed both location and ownership since its initial use.

(w) "Secretary" means the secretary of the Kansas department of human resources.

(x) "Standard boiler" means a boiler that bears the ASME code symbol stamp or a stamp of another approved and recognized code of construction, and is registered with the national board of boiler and pressure vessel inspectors.

(y) "T&P safety" means the temperature and pressure safety relief valve designed for use on storage water heaters and hot water storage tanks. The temperature and pressure safety relief valve shall actuate upon pressure and in all instances at temperatures not exceeding 210° F.

(z) "Water gauge glass" means a glass-enclosed, visible indicator of the water level in the boiler. (Authorized by and implementing K.S.A. 1999 Supp. 44-916; effective May 1, 1987; amended April 28, 2000.)

49-45a-2 to 49-45a-27 (Authorized by and implementing K.S.A. 1985 Supp. 44-916; effective May 1, 1987; revoked April 28, 2000.)